

ABSTRACT OF THE DISCLOSURE

Provided is an image forming apparatus including a unit for controlling each voltage value of peak-to-peak voltages of DC and AC voltages applied to a charging unit for charging an image bearing member, in which a residual charge eliminating unit conducts charge elimination on a surface of the image bearing member while at least the charging unit undergoes an application of the AC voltage including the peak-to-peak voltage that is, in the case of setting at V_{th} a discharge start voltage to the image bearing member when applying the DC voltage to the charging unit, twice or smaller than this discharge start voltage V_{th} . With this image forming apparatus, it is possible to restrain an occurrence of a defect in an image which is attributable to an instability of a charging potential on the image bearing member by stabilizing a potential on the image bearing member at zero even in a case where the AC voltage applied to the charging unit for the image bearing member is the peak-to-peak voltage that is twice or smaller than V_{th} .